

INFORMATION PROCESSING METHOD AND
INFORMATION PROCESSING APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 An information processing apparatus has an SDL
execution unit described in a specification and
description language (SDL), an external environment
description unit described in a programming language
other than the SDL, and an adapter having a pseudo
15 internal signal generator and a queue manager. A task of
an operation system is assigned to the external
environment description unit, which is combined with the
SDL execution unit through the adapter. The pseudo
internal signal generator converts signals including
20 messages, events, and parameters to be transferred
between the SDL execution unit and the external
environment description unit. The converted signals are
transferred between the SDL execution unit and the
external environment description unit through the queue
25 manager. Also provided is an information processing
method to materialize the information processing
apparatus. These method and apparatus reduce the
overhead of the operation system.